

WHAT IS CLAIMED IS:

1. A injection site for use with an introducer device having a tip, the injection site comprising:

5 a housing having a central opening extending therethrough from a proximal end to a distal end; and

a reseal member attached to the housing, said reseal member having:

a proximal portion having a disc shape, wherein at least a portion of the proximal portion is fixedly attached to the housing such that the proximal portion covers the opening at the proximal end;

10 a central portion integrally formed with the proximal portion and extending distally from the proximal portion through the central opening such that at least a portion of the central portion is displaced from the housing; and

a distal portion integrally formed with the central portion and extending radially outward from the central portion, wherein the distal portion is securely attached to the housing;

wherein an aperture is disposed within the reseal member; and

20 wherein insertion of the tip of the introducer device causes the central portion and the distal portion of the reseal member to be displaced distally from a first position to a second position; and

wherein, when the reseal member is moved to the second position, the aperture is opened.

2. The injection site of claim 1 wherein, when the reseal member is in the second position, a spring force urges the distal portion toward the first position.

3. The injection site of claim 1 further comprising a spring connecting the distal portion of the reseal member to the housing wherein, when the reseal member is in the second position, the spring urges the distal portion toward the first position.

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4. The injection site of claim 3 wherein the spring is a leaf spring.

5. The injection site of claim 3 wherein the leaf spring is distinct from the reseal member.

5 6. The injection site of claim 1 wherein, when the reseal member is moved to the second position, the central portion of the reseal member contacts the housing.

7. The injection site of claim 1 wherein the distal portion of the reseal member is attached to the housing for sliding movement within the housing.

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8. The injection site of claim 1 wherein the distal portion of the reseal member extends distally from the central portion of the reseal member.

9. The injection site of claim 4 further comprising a dilator attached to the housing and disposed within the reseal member.

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10. The injection site of claim 1 wherein at least a portion of the distal portion of the reseal member is invertible and adapted to overlap the central portion and apply a radially inward biasing force thereto.

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11. The injection site of claim 1 wherein the proximal portion of the reseal member is disposed completely external to the opening when the reseal member is in the second position.

12. The injection site of claim 11 further comprising a lock for securing the reseal member to the housing by rigidly capturing the proximal portion of the reseal member between the housing and the lock.

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13. A needleless injection site for use with a luer tip, the needleless injection site comprising:

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a housing having an opening extending therethrough from a proximal end to a distal end; and

an elastic reseal member fixedly attached to the housing and adapted for sliding movement within the opening of the housing from a first position to a second position,
5 said reseal member having:

a proximal portion, wherein at least the periphery of the proximal portion is fixedly attached to the housing such that the proximal portion covers the opening at the proximal end;

a central portion integrally formed with the proximal portion and extending
10 distally from the proximal portion through the opening such that a space is defined between the central portion and the housing when the reseal member is in the first position; and

a distal portion integrally formed with the central portion and extending radially outward from the central portion, wherein the distal portion is securely attached to the
15 housing;

a spring operably engaged between the distal portion of the reseal member and the housing;

wherein an aperture is disposed within the reseal member; and

wherein insertion of the luer tip causes central portion and the distal portion of the
20 reseal member to be displaced distally from the first position to the second position; and

wherein, when the reseal member is moved to the second position, the aperture is opened; and

wherein, when the reseal member is moved to the second position, the spring urges the reseal member toward the first position.
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14. The needleless injection site of claim 13 wherein the spring is a leaf spring that is structurally distinct from the reseal member.

15. A injection site for use with an introducer device having a tip, the injection
30 site comprising:

a housing having an opening extending therethrough from a proximal end to a distal end; and

an elastic reseal member attached to the housing for sliding movement from a first position to a second position upon insertion of the tip of the introducer device into the housing, said reseal member including:

a disc-shaped proximal portion having a periphery and being attached at its periphery to the housing such that the proximal portion covers the opening at the proximal end;

a central portion integrally formed with the proximal portion distal to the periphery of the proximal portion and extending distally from the proximal portion through the opening such that at least a portion of the central portion is displaced from the housing; and

a distal portion integrally formed with the central portion and extending radially outward from the central portion and distally from the central portion, wherein the distal portion is fixedly attached to the housing;

wherein an aperture is disposed within the reseal member; and

wherein insertion of the tip of the introducer device causes the distal portion of the reseal member to be displaced distally; and

wherein, when the reseal member is moved to the second position, the aperture is opened.